```
*******
                                  SEQ ID NO:9
 SEQ ID NO:6
             MTGF----GSPCGACKFLRRKCVRGCVFAPYFCHEQGAAHFAAIHKVFGASNVSKLLAHL
             MTGF----GSPCGACKFLRRKCVRGCVFAPYFCHEQGAAHFAAIHKVFGASNVSKLLAHL
 SEQ ID NO:8
 SEQ ID NO:30 MTGF----GSPCGACKFLRRKCVRGCVFAPYFCHEQGAAHFAAIHKVFGASNVSKLLAHL
             MTGF----GSPCGACKFLRRKCVRGCVFAPYFCHEQGAAHFAAIHKVFGASNVSKLLAHL
 SEQ ID NO:26
 SEQ ID NO:27 MTSSSSSSGSPCGACKFLRRKCAKGCVFAPYFCHEQGASHFAAIHKVFGASNASKLLSHL
              ** *** ******* ***** ***
              SEO ID NO:9
 SEQ ID NO:6
              PLADRAEAAVTISYEAQARLRDPIYGCVAHIFALQQQV-----
 SEQ ID NO:8
              PLADRPEAAVTISYEAQARLRDPIYGCVAHIFALQQQV
 SEQ ID NO:30 LPLADRAEAAVTISYEAOARLRDPIYGCVAHIFALOOOU
 SEQ ID NO:26 PLADRPEAAVTISYEAQARLRDPIYGCVAHIFALQQQV RIVHSIDVSLVGVAGLLILVSR
 SEQ ID NO:27 PISDRCEAAITISYEAQARLQDPIYGCVSHIFALQQQV -----
                     *** * *** ***
                   +++++++++++++
                                                          +++++ + ++
                       SEQ ID NO:9
                                                          SEQ ID NO:10
                  MTLQAQLASLKAQAAQQ---QQGVHEDAKG-YVGSAAA---E QLGYG-Y-PWCS
 SEQ ID NO:6
 SEQ ID NO:8
             ----- MTLQAQLASLKAAAAQd-IHHQDVGATTKGGYMSAAATAADD QLGYGGYNQWCG
 SEQ ID NO:30 ----- MTLQAQLASLKAQAAQG---QQGVHEDAKG-YVGSAAA---E QLGYG-Y-PWCS
 SEQ ID NO:26 RVFEQVMTLQAQLASLKAAAAQG-IHHQDVGATTKGGYMSAAATAADD QLGYGGYNQWCG
 SEQ ID NO:27 -----VNLQAELEILKQQAAQSMIFADSPTSENPNSYYGDTTKAPYH HDHQNIYHHHDQ
              +++ + ++
                                                      +++++
              SEQ_ID_NO:10
                                                        SEQ ID NO:11
 SEQ ID NO:6
             GNGGAAAAA -GAVGAPAAQPGAYGNGA----HESLTALLGS-SDYMQQSLYHAFEQ ---
 SEQ ID NO:8
             SNGGGAPAA S-----QPGAYSSNGGAGHGHDSITALLAAG SDYMQHSLYHAFEH SEG
 SEQ ID NO:30 | GNGGAAAAA | AGAVGAPAAQPGAYGNGA----HESLTALLGS- | SDYMQQSLYHAFEQ | ---
 SEQ ID NO:26 SNGGGAPAA S-----QPGAYSSNGGAGHGHDSITALLAAG SDYMQHSLYHAFEH SEG
 SEQ ID NO:27 THLVYQTGS SGTVQHGDATESSYHNETSSGMG----------------EF---SIYSDLEQ H--
             +++ ++
                          ++++++++
                                           SEO ID NO.12
                                                 SEO ID NO:13
SEQ ID NO: 6 AGADDDDGRQGY GFEAAAESSS -----LG AEESGWRSSS-GYQDCEDLQSVAYAYLN
             AGAVDDGHAAAA AFEAAAESSS CGMAASFA ADESVWRSSSSGYODCEDLOSVAYAYLN
SEQ ID NO:8
SEQ ID NO:30 AGADDDDGRQGY AFEAAAESSS -----LG AEESGWRSSS-GYQDCEDLQSVAYAYLN
· SEQ ID NO:26 AGAVDDGHAAAA AFEAAAESSS CGMAASFA ADESVWRSSSSGYQDCEDLQSVAYAYLN
SEQ ID NO:27
                         SEQ ID NO:6
           S.
SEQ ID NO:8 -S
SEQ ID NO:30 S.
SEQ ID NO:26 -S.
SEQ ID NO:27 -S
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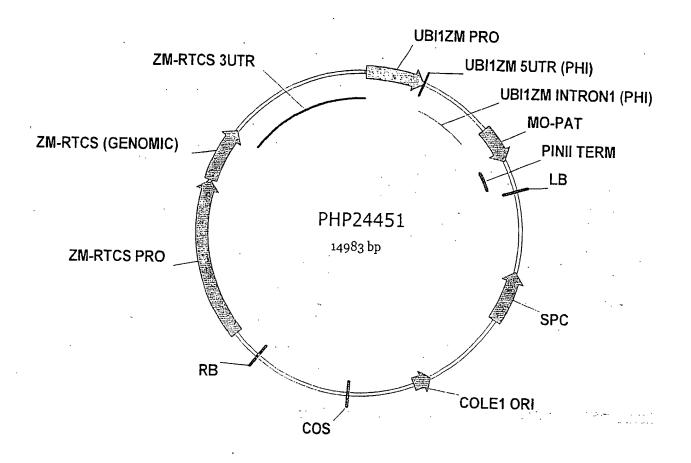


FIGURE 2

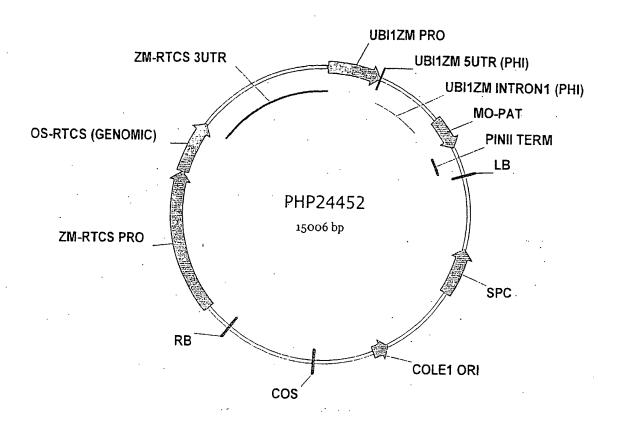
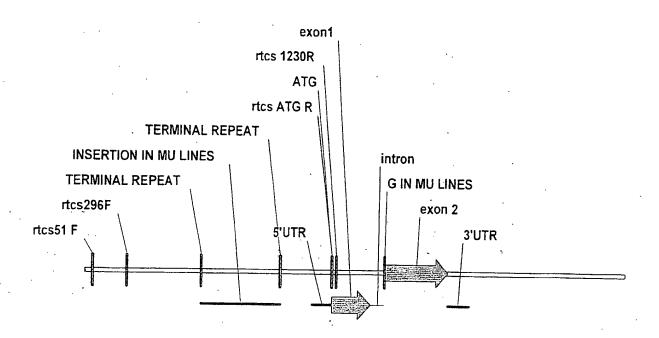


FIGURE 3



rtcs with insertion in dilbag lines $_{3864\,\mathrm{bp}}$

FIGURE 4